JSIMS AAR Joint Process Overview

Presented at 30 Sep AAR SME Meeting

by

Cathy McGrew

Software Engineer - I&D LCA AAR

AR SME Meeting

30 Sep 98

- Joint/JWFC
- Land
- Maritime
- Air & Space
- NATSIM
- WIM
- J-SIGSIM

AAR SMEs

"We're not going to select or design an AAR. The meeting goal is to hear the AAR format story from SME level

Meeting Objectives

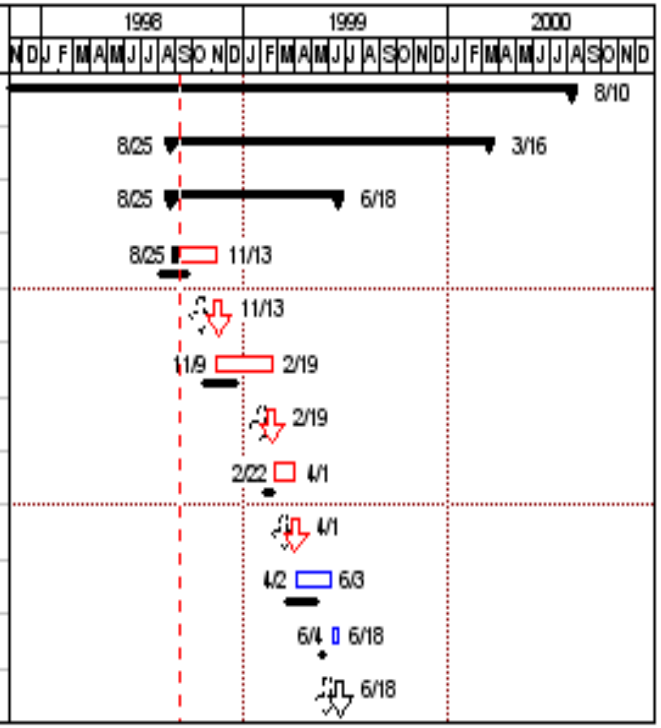
- **AAR Team hear SME service / agency / domain AAR outputs and formats needed for JSIMS AAR**
- **Education**
- **Awareness**

AAR Joint Process Overview

- **CI LCA IOC Build Schedule**
- **IOC Functionality by build**

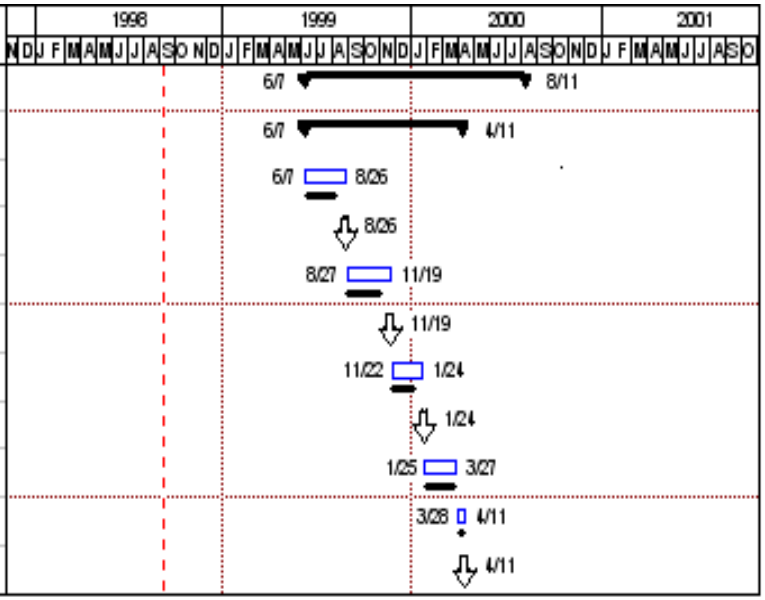
IOC Build Schedule - B2

ID	Notes	Name	Baseline St	Baseline Fin
540		BUILD 2	10/27/97	8/9/00
573		B2 CI Development	5/1/98	2/24/00
574		S/W: B2 CI LCA	7/27/98	5/28/99
575		S/W: B2 CI S/W OOA (Pi 5-6) (Static/Dynamic Views)	7/27/98	9/24/98
576		S/W: B2 CI S/W OOA Peer Review (Pi 5-6) Comp (CP#2)	10/14/98	10/14/98
577		S/W: B2 CI S/W OOD (Pi 7-9) (Process/Static/Dynamic)	10/16/98	12/22/98
578		S/W: B2 CI S/W OOD Peer Review (Pi 7-9) Comp (CP#3)	1/29/99	1/29/99
579		S/W: B2 CI S/W (OOD) Language (Pi 10-11) (Method Desig	2/1/99	2/23/99
580		S/W: B2 CI DRM (Pi 10-11) Comp (CP#4)	3/11/99	3/11/99
581		S/W: B2 CI Class Implem/Test Code (Pi 12)	3/12/99	5/12/99
582		S/W: B2 CI ObjectClass Unit Test (Pi 13.4)	5/13/99	5/28/99
583		S/W: B2 CI ObjectClass (Pi 13.4) Comp (CP#5)	5/28/99	5/28/99



IOC Build Schedule - B3

ID	Notes	Name	Baseline St	Baseline Fin
720		B3 CI Development	6/7/99	8/11/00
721		S/W: B3 CI LCA	6/7/99	4/11/00
722		S/W: B3 CI S/W OOA (Pi 5-6) (Static/Dynamic Views)	6/7/99	8/6/99
723		S/W: B3 CI S/W OOA Peer Review (Pi 5-6) Comp (CP#2)	8/26/99	8/26/99
724		S/W: B3 CI S/W OOD (Pi 7-9) (Process/Static/Dynamic)	8/27/99	11/4/99
725		S/W: B3 CI S/W OOD Peer Review (Pi 7-9) Comp (CP#3)	11/19/99	11/19/99
726		S/W: B3 CI S/W (OOD) Language (Pi 10-11) (Method Design)	11/22/99	1/7/00
727		S/W: B3 CI DRM3 (Pi 10-11) Comp (CP#4)	1/24/00	1/24/00
728		S/W: B3 CI Class Implem/Test Code (Pi 12)	1/25/00	3/27/00
729		S/W: B3 CI ObjectClass Unit Test (Pi 13.4)	3/28/00	4/11/00
730		S/W: B3 CI ObjectClass (Pi 13.4) Comp (CP#5)	4/11/00	4/11/00



IOC Functionality - Build 2

IOC Capability	Build	General Capability Description
Template Formats (Pre/Run-Time/Post Ex.)	B2	Create or Select Template Formats in Office Automation Products
Data Collection (Pre/Run-Time/Post Ex.)	B2	Configure Data Collection (Ground Truth in Build 2; Post-ex can only collect historic data from other CDI's)
Query/Report Format Specifications (Pre/ Run-Time/Post Ex.)	B2	Configure Query Specifications, for Retrieving Collected Data from the CDI, and Report Formats for Pre/Run-Time/Post Analysis (Ground Truth in Build 2)
Analysis (Run-time/ Post Ex.)	B2	Data Reduction, Variable Rate Replay, Standard Queries, Common/Tailorable Output Formats, Comparative Analysis (Manual)
Exercise Playback (Pre/Run-Time/ Post Ex.)	B2	Manage Playback Execution (start, stop, pause, resume, jump), Control Playback Rate, Select Start Point (Ground Truth in Build 2; only previously stored exercises can be run during pre-ex)

IOC Functionality - Build 2

IOC Capability	Build	General Capability Description
Data Collection (Run-Time/Post Ex.)	B2	Collect Specified Data, Collect Performance Data. Run-time allows collection of current state data, event data, and historic data. Post-ex only allows collection to the local CDI of historic data.
Query and Report Retrieval (Run-Time/Post Ex.)	B2	Request a Query or Report at Any Time During the Exercise.
Take-Home Packages (Post Ex.)	B2	Allows selection of items to go into Take-Home Packages. May be printed, posted to a web page or ftp site, or put on electronic storage media.
Transmitting AAR Briefing Materials (Run-Time/Post Ex.)	B2	Locally, materials may be shared/sent through common storage areas, web-postings and e-mail. Distributed, materials may be shared/sent through web-postings, e-mail and FTP processing.

IOC Functionality - Build 3

IOC Capability	Build	General Capability Description
Data Collection (Pre/ Run-Time/Post Ex.)	B3	Configure Data Collection (Perceived Truth assigned to Build 3; Post-ex can only collect historic data from other CDI's)
Query/Report Format Specifications (Pre/ Run-Time/Post Ex.)	B3	Configure Query Specifications, for Retrieving Collected Data from the CDI, and Report Formats for Pre/Run-Time/Post Analysis (Perceived Truth assigned to Build 3)
Generated Mistake Data Collection (Pre/ Run-Time)	B3	Configure Collection of Types of Mistakes to Record
Analysis (Run-time/ Post Ex.)	B3	Comparative Analysis (Automated wherever possible)
Exercise Playback (Pre/Run-Time/Post Ex.)	B3	Manage Playback Execution (play, stop, pause, rewind, jump), Control Playback Rate, Select Start Point, Select Force Perception Perceived Truth assigned to Build 3; only previously stored exercises can be run during pre-ex)
Ground Truth Versus Perceived Truth (Run-Time/Post Ex.)	B3	Display a comparison of Ground Truth versus Perceived Truth.
Multimedia Review Selection	B3	Multimedia review selection from which the Event Operator may choose (on-screen graphics, charts, overhead viewgraphs, tabular outputs, projections, printed output, etc.). Manual processing during Build 2 other than PVD display.